CMS Simulation (LHE) 13 TeV

Fraction of events / 0.1

$pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\ \gamma_D \rightarrow 2n_D + 4\mu$

$m_h = 125$ GeV, $m_{n_1} = 10$ GeV, $m_{n_D} = 1$ GeV

$m_{\gamma_D} = 0.3$ GeV, $c\tau_{\gamma_D} = 0.1$ mm

— 1st n_D (leading p_T)

— 2nd n_D

η of n_D